

## **\*SAMPLE DIRECT COMPONENT PROJECT PROPOSAL\***

(This project upon which this sample proposal is based has already been funded through other sources, and will NOT be considered for RESTORE funding. This sample is provided SOLELY as an aid for individuals who desire to assistance in formatting a project proposal. It is not intended to be a true document, but only an example of how a proposal may be presented. Data from the true project application may have been altered and some data has been fabricated, for the purpose of providing a better example of proposal formatting.)

### **1. Applicant name:**

Santa Rosa County Public Works Department

### **2. Point of contact name, title, Email address, and phone number:**

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### **3. Project name:**

Ramblewood Drive Stormwater Improvements

### **4. Qualifying eligible activities – indicate which of the RESTORE activities this proposal supports. Projects may qualify for more than one eligible activity:**

General Infrastructure

- Infrastructure projects benefitting the economy or ecological resources, including ports
- Flood protection and infrastructure

### **5. Project location, or locations, within Santa Rosa County:**

Ramblewood Drive is located in the Gulf Breeze area of the unincorporated area of Santa Rosa County. It is located in Section 31, Township 2 South, Range 28 West. The subject area is south of U.S. Highway 98, east of the Gulf Islands National Seashore, west of Oriole Beach Road (County Road 191A) and extends south to Westfield Avenue. The zip code for this portion of Santa Rosa County is 32563. The center of the project is located at Latitude N 30°-22'-58" and Longitude W 87°-06'-03".



**6. Proposed activity description – this description should address the grading criteria for the particular project category (Environmental, Economic Development, General Infrastructure, and Tourism):**

- a. Does the proposed Project contribute overall to SRC's economic and environmental resiliency and ability to weather disasters (natural or man-made)?*

Ramblewood Drive is located in the Pineglades subdivision, which was developed in the early 1970s. Stormwater design standards at that time were not defined, and subsequently, no appreciable drainage features were constructed. Area development, recent roadway improvements to US 98, the high groundwater table, and inadequate drainage facilities have led to repeated flooding of several homes, yards, and roadways. Several homes in the area have flooded at least three times in the last 10 years. Water stands up to six inches deep in the intersection of Ramblewood Drive and Paula Court for several days after a rainfall event. The results of the structural and yard flooding are numerous, and include displaced families, lost wages, reconstruction costs, replacement of possessions costs, and increased health hazards. The flooding and prolonged saturation of yards is causing septic systems to fail, making some of the homes unfit to occupy. Flooded roadways are a public safety hazard, and the saturated base material is deteriorating prematurely, causing roadway failures.

The goal of this project is to remove the inadequate drainage facilities along Ramblewood Drive and connecting streets and replace them with a comprehensive and coordinated drainage network capable of handling expected runoff from the area and the contributing offsite basin. This project will mitigate 30 structures against a 100-year flood event. A series of pipes, inlet structures, swales, and underdrains will be used to accomplish the major and minor objectives of this project. This project will provide high economic and environmental resiliency through flood mitigation and water quality improvement.

- b. Ease of implementation for the proposed project (feasibility, permitting difficulty, right-of-way needs).*

Existing drainage easements and rights of way will be utilized during the construction to minimize costs and impacts to private properties. There are three commercial, one accessory, and 26 residential structures within the limits of this proposed project. Two properties will need to be acquired for the installation of a regional retention pond to enhance water quality in the Sound. Permits have been secured, and with the history of chronic flooding at the site it is anticipated that right-of-way acquisition can be accomplished with a minimum of negotiation, as the two properties proposed for acquisition have suffered significant damage during recent flood events.

- c. What is the proposed project's potential leveraging ability?*

This project has 24% leveraging. Santa Rosa County has committed funds to the project, and Hazard Mitigation Grant Program funds have also been secured.

- d. What is the proposed project's efficiency of maintenance?*

Once the drain system and ponds are in place they will require the same long-term low maintenance as other mid-size conveyance and retention systems in the County.

e. *Does the proposed project have public support?*

Members of the public have been requesting drainage improvements for Ramblewood Drive for years, due to the frequent flooding that has occurred in the neighborhood after severe rain events. Letters of support have been received from 13 local homeowners and the homeowners association, and are available for review upon request.

f. *Does the proposed project provide an appropriate return on investment?*

In its 2005 study *Hazard Mitigation Saves*, the Multi-Hazard Mitigation Council's (MMC) analysis of FEMA mitigation project applications determined that flood hazard mitigation projects returned an average of \$5.00 for every \$1.00 spent over the lifetime of the project. This is higher than for other hazards considered. (Source: [http://www.floods.org/NoAdverseImpact/NAI\\_How-to-Guide\\_Mitigation.pdf](http://www.floods.org/NoAdverseImpact/NAI_How-to-Guide_Mitigation.pdf) )

g. *Is the proposed project consistent with the local Comprehensive Plan and local zoning ordinances?*

The project is in compliance with the Santa Rosa County Comprehensive Plan and zoning ordinances.

h. *Is the proposed project ready for implementation? (Construction plans complete and permits in hand.)*

Construction plans are complete and all permits have been received. Right-of-way acquisition is being negotiated, and is anticipated to conclude swiftly once funds are available.

i. *Is the proposed project a "Legacy Project"? (Will it have lasting impact on Santa Rosa County)/What is the proposed project's area of impact?*

This project is a "Legacy Project" because it will mitigate the chronic flooding suffered by residents of Ramblewood Drive. The project is designed to safely and efficiently transport stormwater runoff through the area and on toward Santa Rosa Sound. The runoff will be routed through a series of open ditches, culverts, and treatment facilities as appropriate, to prevent, to the greatest extent possible, the flooding of public and private property. The enhanced drainage system will also be designed to lower the elevation of the groundwater table in select locations, thus enhancing the soil's ability to absorb additional runoff and assimilate pollutants associated with residential runoff. Grass beds are common in the Sound near the vicinity of the outfalls associated with this general area. The environmental benefit associated with the reduction in pollution from uncontrolled urban runoff into the grass beds will be a tangible, yet undefined benefit from this project. The elimination of flooding and lowering of the groundwater table will accomplish all of the objectives of this project.

**7. Budget justification and matching funds/grants, if any:**

Budget

Right-of-way acquisition	\$ 500,000.00
Post-design services (bid assistance, CEI services)	\$ 20,524.00
Construction	<u>\$ 402,330.00</u>
TOTAL	\$ 922,854.00

Matching Funding

HMGP Grant Funding	\$ 163,400.00
Local funding committed to project	\$ 53,750.00
TOTAL	\$ 217,150.00
REQUIRED FUNDING TO COMPLETE PROJECT:	\$ 705,704.00

**8. Estimated Project Schedule**

Preliminary Design	Complete
Surveying	Complete
Geotechnical Investigation	Complete
Environmental Study	Complete
Engineering Design	Complete
Permitting	Complete
Preparation of contract documents	15 days
Construction	120 days

**9. Key personnel that will implement the project or activity:**

This project will be implemented through an invitation to bid for construction through the Santa Rosa County Special Projects/Grants, Public Works, and Purchasing departments. Construction firm will be selected following standard Santa Rosa County purchasing procedures.

**10. Possible risks to implementing and maintaining the activity:**

The only risk in this project is the potential to affect the aesthetic of the neighborhood with unsightly drainage systems, but that risk has been minimized through landscape design.

**11. Public input/support for proposed activity:**

Members of the public have been requesting drainage improvements for Ramblewood Drive for years, due to the frequent flooding that has occurred in the neighborhood after severe rain events. Letters of support have been received from 13 local homeowners and the homeowners association, and are available for review upon request.

**12. Title issues, land acquisition, and permits:**

Land acquisition is expected and has been budgeted into project costs. It is, in fact, a significant portion of the project costs. Negotiations are underway for the two properties proposed for acquisition, each of which suffered significant damage during recent flood events. Acquisition should be accomplished fairly quickly once funding is available.

Permits and/or exemptions have been received from the Army Corps of Engineers, Florida Department of Environmental Protection, and the Northwest Florida Water Management District.



**Proposed Drainage Design  
(Baird and Vickrey Pond Sites)**

Figure

2